

What is claim d is:

1. A mobile terminal comprising:

a battery;

a power supply block which supplies power of
5 said battery;

a radio communication block which
communicates with a base station when said power is
supplied from said battery through said power supply
block;

10 a first switch which is interposed between
said power supply block and said radio communication
block;

a key operation section to which said power
is always supplied from said battery through said
15 power supply block; and

a control unit which controls said first
switch to stop the power supply from said battery to
said radio communication block in response to a manual
operation of said key operation section.

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2. The mobile terminal according to claim 1,
further comprising:

a base band block to which said power is
always supplied from said battery through said power
25 supply block and is possible to accomplish application
functions other than a communication function using
said radio communication block.

3. The mobile terminal according to claim 2,
further comprising:

 a second switch which is interposed between
5 said base band block and said radio communication
block,

 wherein said control unit is contained in
said base band block and controls said second switch
to disconnect said base band block from said radio
10 communication block.

4. The mobile terminal according to claim 1,
further comprising:

 a base band block which is connected with
15 said first switch,

 wherein the power supply to said base band
block is stopped when said control unit controls said
first switch to stop the power supply from said
battery to said radio communication block in response
20 to said manual operation of said key operation
section.

5. The mobile terminal according to claim 4,
further comprising:

25 an application function block to which said
power is always supplied from said battery through
said power supply block and is possible to accomplish

application functions.

6. The mobile terminal according to claim 5,
further comprising:

5 a second switch which is interposed between
said application function block and said base band
block,

wherein said control unit is contained in
said application function block and controls said
10 second switch to disconnect said base band block from
said application function block.

7. The mobile terminal according to claim 1,
wherein said control unit controls said first switch
15 to be turned on in response to a manual operation of a
key of said key operation section.

8. The mobile terminal according to claim 1,
wherein said control unit comprises a timer to which a
20 predetermined time is set, and

when said timer measures the predetermined
time, said control unit controls said first switch to
be turned on.

25 9. A power saving method in a mobile terminal
comprising:

supplying power of a battery to a radio

communication block through a first switch and
directly to a key operation section, said radio
communication block communicating with a base station;
and

5 controlling said first switch to stop the
power supply from said battery to said radio
communication block in response to a manual operation
of a key of said key operation section, such that the
communication with the base station by said radio
10 communication block is stopped.

10. The method according to claim 9, further
comprising:

 carrying out a base band process by a base
15 band block to communicate with said base station
through said radio communication block, when the power
is supplied from said battery to said radio
communication block, wherein said base band block is
possible to accomplish application functions; and
20 disconnecting said base band block from said
radio communication block in response to said manual
operation of the key of said key operation section.

11. The method according to claim 9, wherein said
25 supplying step further comprises:

 supplying the power of said battery to a base
band block in addition to said radio communication

block, and

said controlling step further comprises:

controlling said first switch to stop the
power supply from said battery to said base band block
5 in addition to said radio communication block in
response to said manual operation of said key
operation section.

12. The method according to claim 11, further
10 comprising:

carrying out a base band process by said base
band block to communicate with said base station
through said radio communication block, when the power
is supplied from said battery to said radio
15 communication block; and

carrying out application functions by an
application function block; and

disconnecting said application function block
from said base band block in response to said manual
20 operation of the key of said key operation section.

13. The method according to claim 9, further
comprising:

controlling said first switch to be turned on
25 in response to a manual operation of a key of said key
operation section.

14. The mobile terminal according to claim 9,
further comprising:

 controlling said first switch to be turned
on, when a timer measures a predetermined time after
5 the power supply to said radio communication block is
stopped.